

032904

13281 U.S. PTO

## UTILITY PATENT APPLICATION TRANSMITTAL

Address to:

**Box PATENT APPLICATION**  
 Commissioner of Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Attorney Docket No.

WUCH3037/EM

First Named Inventor  
(or identifier)

Chang-Rong WU

Total Pages

27

17548 U.S. PTO  
10/810804

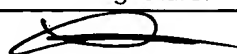
032904

Transmitted herewith is a patent application under 37 CFR 1.53(b).

Entitled: **Method And Composite Hard Mask For Forming Deep Trenches In Semiconductor Substrate**

- ☒ 1. Submitted herewith are the following:  
 12 pages of specification, including claims and Abstract.  
 5 sheets of FORMAL drawings (Figs. 1, 2, 3A, 3B, 4, 5, 6, 7, 8).  
 4 claims.  
 1 Oath/Declaration signed by each inventor.  
 1 Application Data Sheet.  
 1 Assignment of the invention to NANYA Technology Corporation, Taoyuan, Taiwan, R.O.C.,  
 Cover Sheet, and payment of the \$40 recordal fee.  
 1 check in the amount of \$810 (\$770- Filing Fee; \$40- Assignment Recordation Fee).
- ☐ 2. SMALL ENTITY STATUS IS ASSERTED pursuant to 37 CFR 1.27 for this application.
- ☒ 3. The Commissioner is authorized to credit any overpayment and charge any deficiency in any fees required under 37 CFR 1.16 and/or 1.17, to Deposit Account No. 02-0200.
- ☐ 4. Insert before the first sentence of the specification: -- This application claims the benefit of provisional application number \_\_\_\_\_ filed \_\_\_\_\_. --
- ☐ 5. Insert before the first sentence of the specification: -- This application is a Continuation-in-part of nonprovisional application number \_\_\_\_\_ filed \_\_\_\_\_. --
- ☐ 6. Other: \_\_\_\_\_

The registered practitioners representing applicant(s) are J. Ernest Kenney, Reg. No. 19,179; Eugene Mar, Reg. No. 25,893; Richard E. Fichter, Reg. No. 26,382; Thomas J. Moore, Reg. No. 28,974; Joseph DeBenedictis, Reg. No. 28,502; and Benjamin E. Urcia, Reg. No. 33,805.

THE FILING FEE IS CALCULATED AS FOLLOWS:				Basic Fee:	\$770.00
Total Claims:	4	- 20 =	0	X \$18 =	\$0.00
Independent Claims:	2	- 3 =	0	X \$86 =	\$0.00
Correspondence Address: <b>BACON &amp; THOMAS, PLLC</b> 625 Slaters Lane, 4 <sup>th</sup> Floor Alexandria, VA 22314-1176  <div style="text-align: center;"> <b>23364</b>  <small>CUSTOMER NUMBER</small> </div>				Multiple Dependent Claim (add \$290.00):	\$0.00
				Subtotal:	\$770.00
				50% Reduction if Small Entity Status:	\$0.00
Phone: 703-683-0500 Fax: 703-683-1080				Total:	\$770.00
Date:	Name:		Signature:		Reg. No.
March 29, 2004	Eugene Mar				25,893